

ABSTRACT

The present invention relates to a robot apparatus capable of notifying a user of the state of communication with an access point, an information processing method and a program therefor. A humanoid robot 5, which independently determines an action in accordance with an instruction from a user or a surrounding environment, communicates with an access point 2 based on IEEE802.11b. For example, the robot 5 controls a household electrical appliance 4-1 through a network 3 and receives a command from a personal computer 4-2 over the network 3 to execute a predetermined process.

The robot 5 measures the quality of communication with the access point 2 at regular intervals. When the communication quality of a predetermined level or lower is continued for a predetermined period, the robot 5 generates speech, e.g., "I cannot see the access point. What should I do?" and waits for an instruction from the user. When receiving an instruction from the user, the robot 5 takes an action according to the instruction.